

WE CLAIM:

1. A printer that comprises

a roller assembly for feeding sheets of print media along a feed path;

5 a print head positioned downstream of the roller assembly for carrying out a printing operation on the sheets of print media;

an adhesive application mechanism positioned downstream of the print head and comprising first and second aligned adhesive applicators that are positioned on opposite sides of the feed path and are configured to apply adhesive
10 simultaneously to the sheets of media as the sheets pass between the applicators along the feed path, such that the sheets each have aligned strips of adhesive on respective sides;

a support structure positioned downstream of the adhesive application mechanism and defining a floor onto which sheets to be bound are conveyed and a
15 wall that extends from the floor to define a stop for the sheets that are fed onto the floor; and

a binding mechanism arranged on the support structure and displaceable with respect to the support structure to act on each sheet fed into the support structure such that the sheets are adhered together with the strips of
20 adhesive.

2. A printer as claimed in claim 1, in which the adhesive applicators are opposed, pivotally mounted applicators that are capable of being pivoted so that their tangential speed matches a speed at which the sheets are fed along the feed
25 path.

3. A printer as claimed in claim 1, in which the adhesive applicators are opposed adhesive applicator rollers that are displaceable towards the feed path to apply the adhesive and away from the feed path when adhesive application is not
30 required.

4. A printer as claimed in claim 1, in which the adhesive applicators are opposed adhesive spray applicators to spray the adhesive onto respective opposite sides of the sheets.

5 5. A printer as claimed in claim 1, in which one adhesive applicator is configured to apply one part of a two-part adhesive, while the other adhesive applicator is configured to apply another part of the two-part adhesive.

6. A printer as claimed in claim 1, in which the support structure includes a frame and a tray that is suspended from the frame.
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7. A printer as claimed in claim 1, which includes a vibration imparting mechanism for imparting vibratory motion to the support structure to facilitate alignment of the sheets in the support structure.

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8. A printer as claimed in claim 1, in which the binding mechanism includes a binding press that is positioned above the support structure to be aligned with leading edges of stacked sheets, the binding press being operable to urge said leading edges against each other so that the adhesive serves to bind the sheets together.
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